

EXHAUST EMISSION PURIFICATION DEVICE FOR
INTERNAL COMBUSTION ENGINE

5

ABSTRACT OF THE DISCLOSURE

10 An exhaust emission purification device comprises a
sulfur component holding agent arranged on the exhaust
path of an internal combustion engine for holding a
sulfur component, a NO_x holding agent arranged downstream
of the sulfur component holding agent in the exhaust gas
for holding NO_x and the sulfur components when the air-
15 fuel ratio of the exhaust gas flowing thereinto is lean,
and a reducing agent adding unit for adding a reducing
agent to the exhaust gas flowing into the NO_x holding
agent. The concentration of the sulfur component
contained in the reducing agent added by the reducing
20 agent adding unit is lower than the concentration of at
least the sulfur component contained in the fuel supplied
to the combustion chamber of the internal combustion
engine. Thus, the sulfur poisoning of the exhaust
emission purifier can be avoided while at the same time
25 reducing the fuel consumption rate.